

FIG. 1

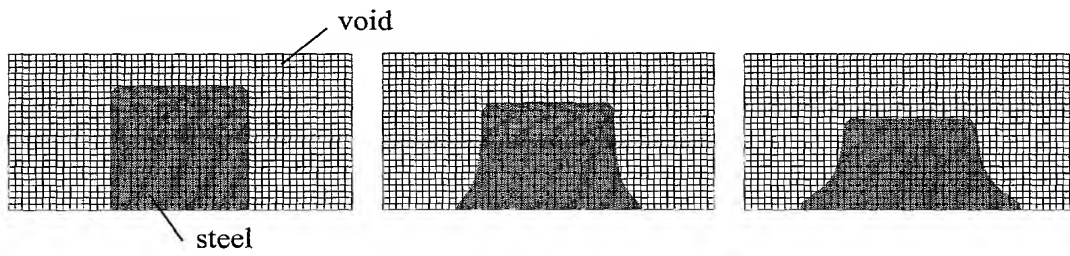


FIG. 2

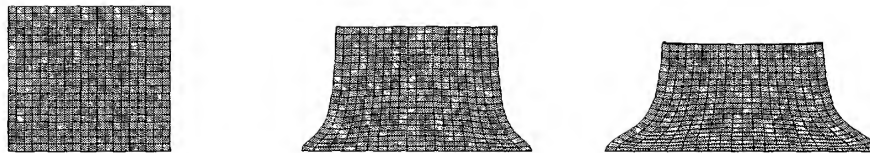
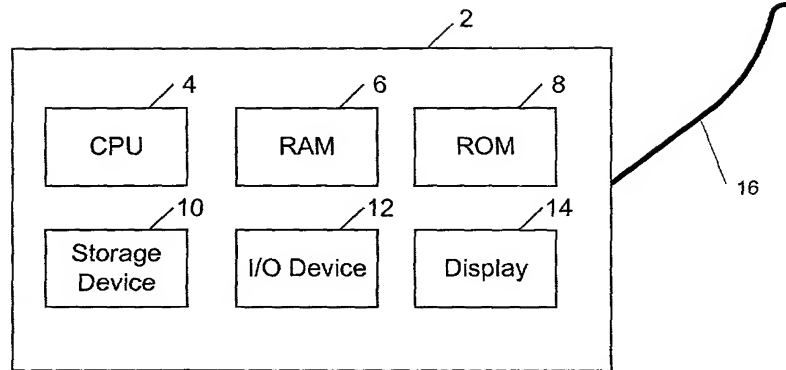


FIG. 3

FIG. 4



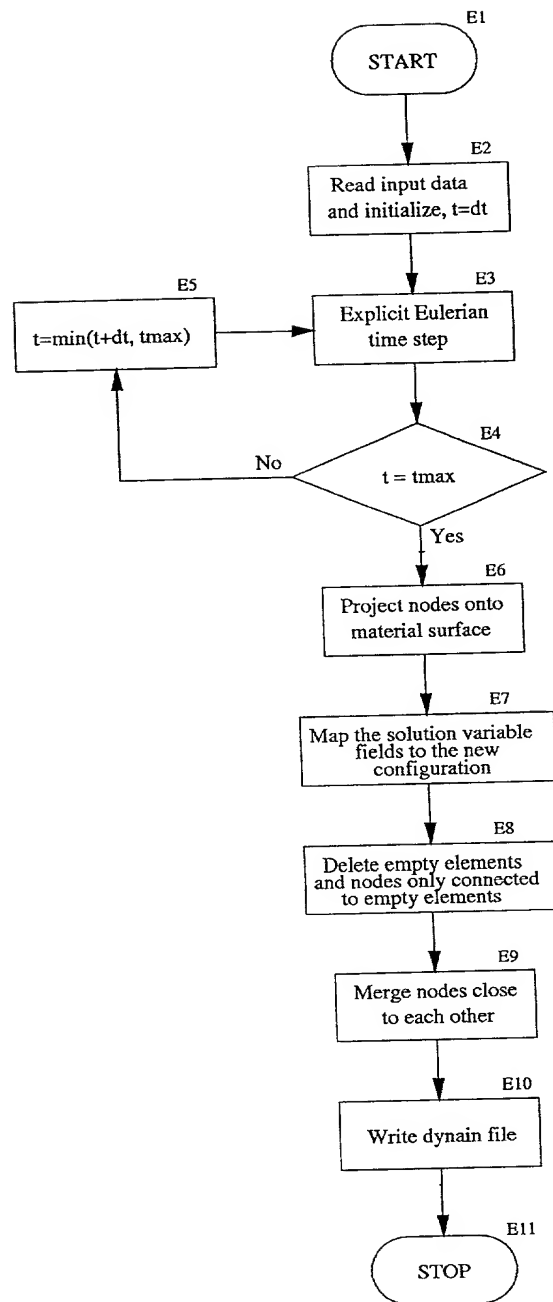


FIG. 5

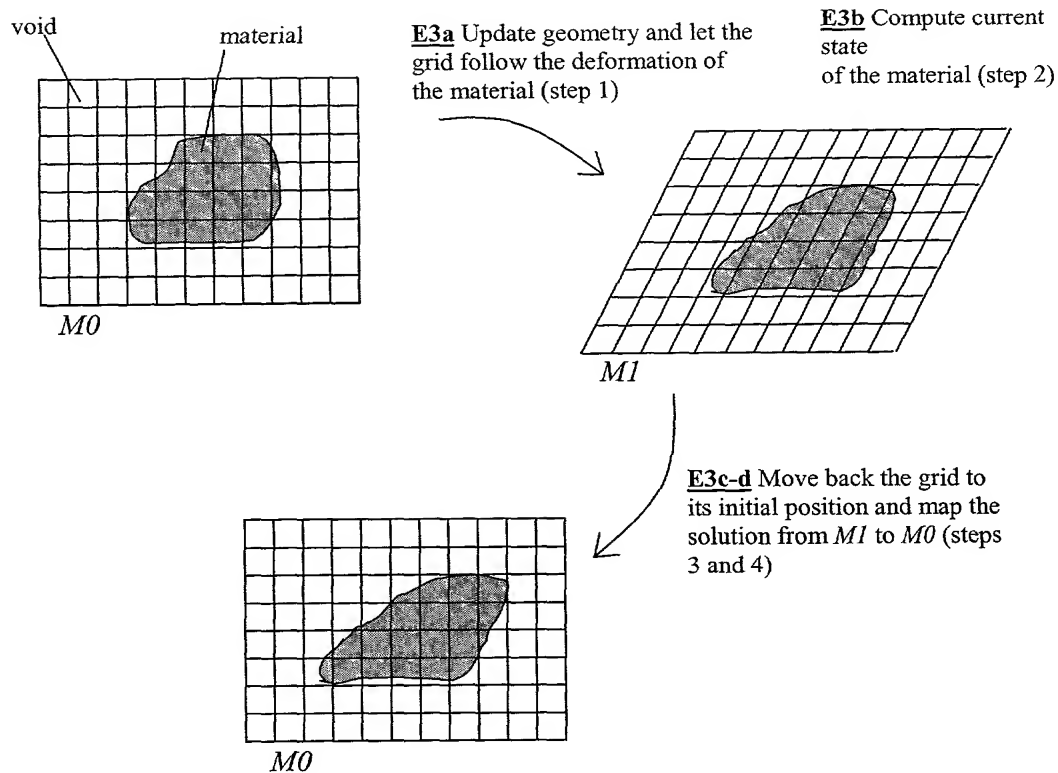


FIG. 6

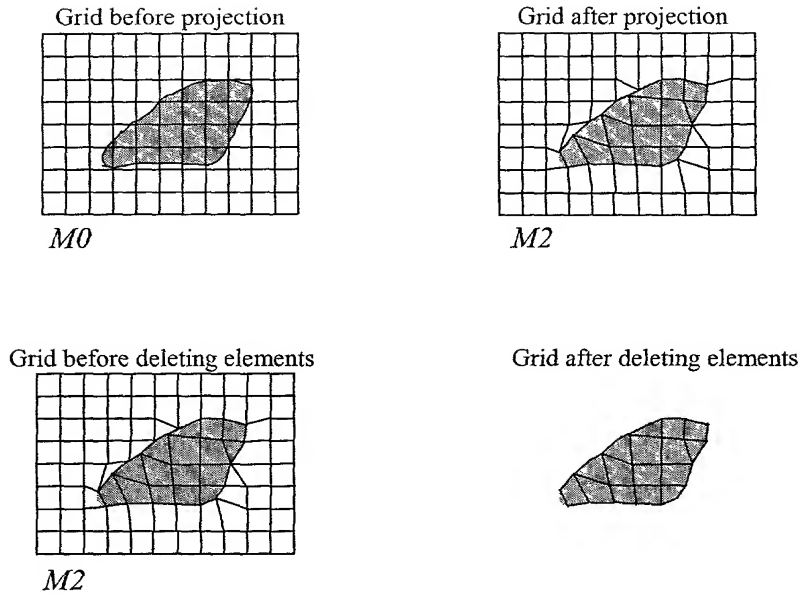


FIG. 7

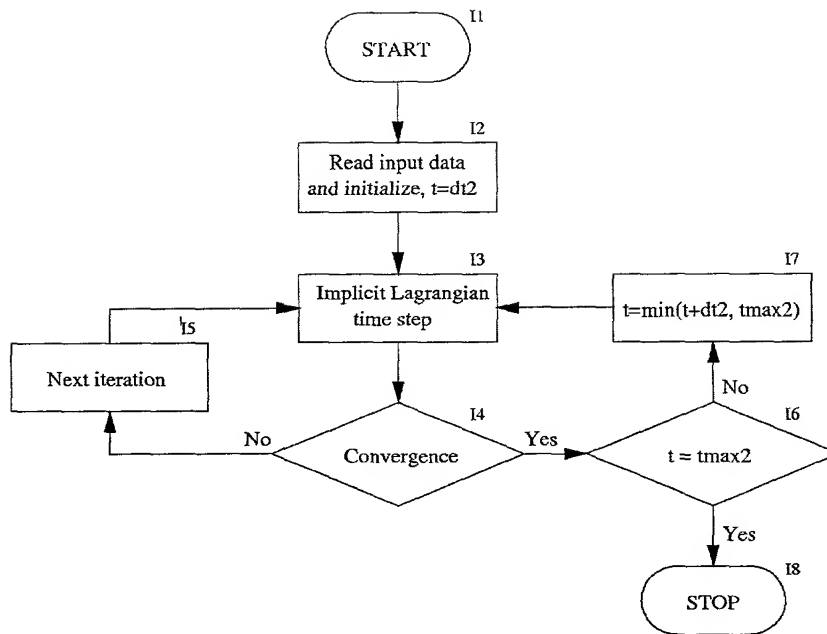


FIG. 8

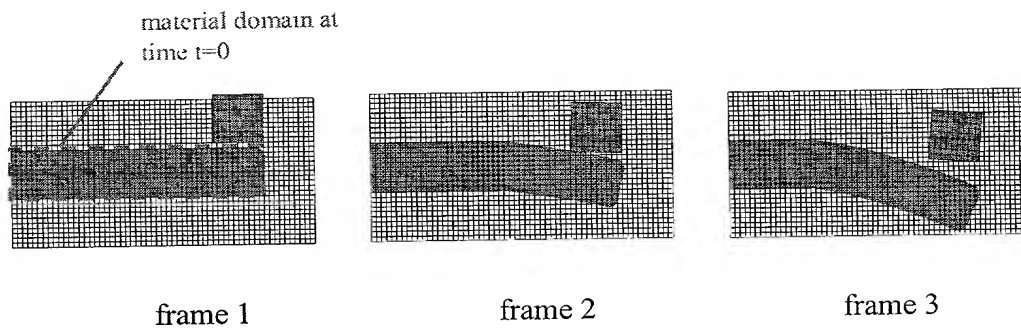


FIG 9

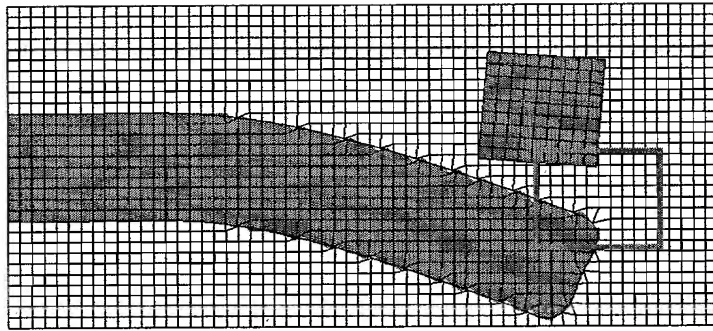


FIG. 10a

Tip of beam before projection

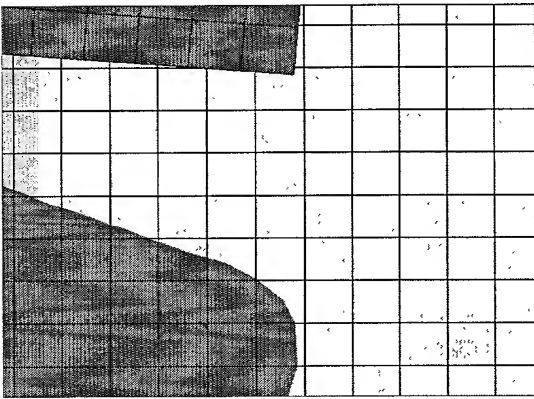


FIG. 10b

Tip of beam after projection

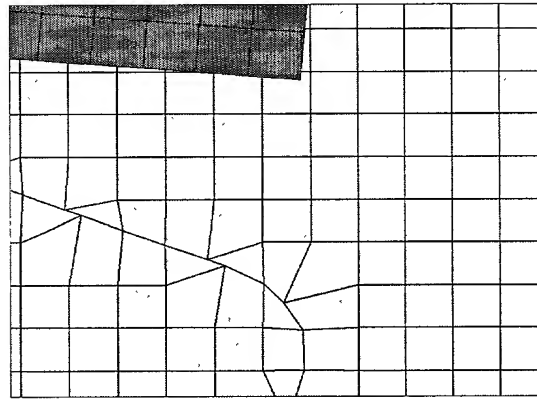


FIG. 10c

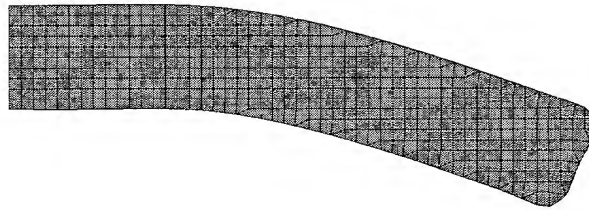
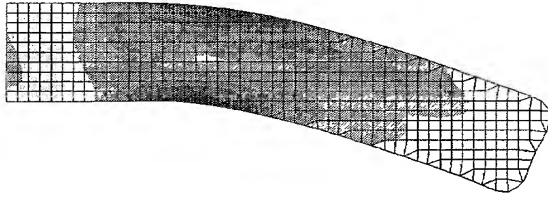


FIG. 11

Beam before springback



Beam after springback

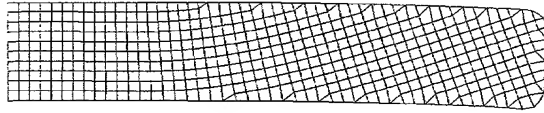


FIG. 12

U.S. Patent Application
Inventor: LARS OLOVSSON
Title "Eulerian-Lagrangian Mapping for Finite Element Analysis"
Sheet 9 of 11 Attorney Docket No M-11641 US

